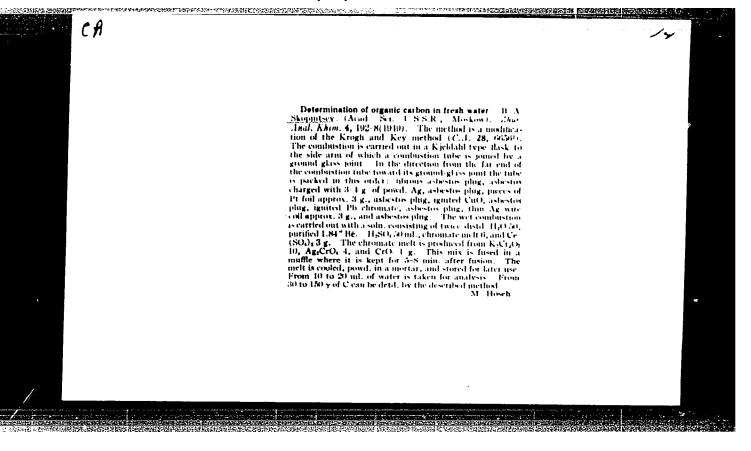
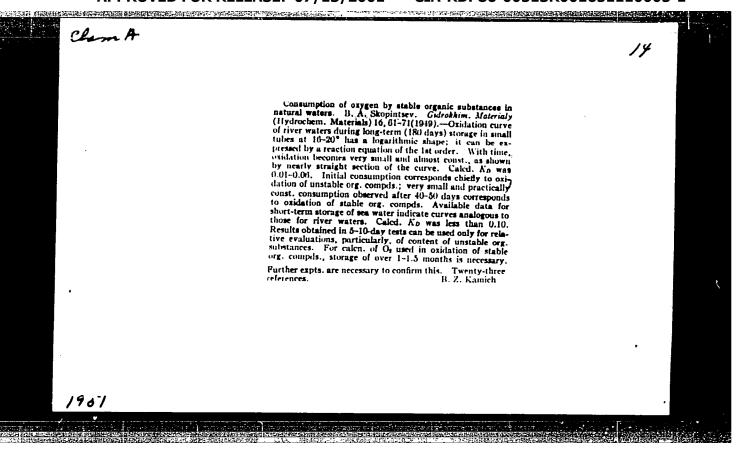


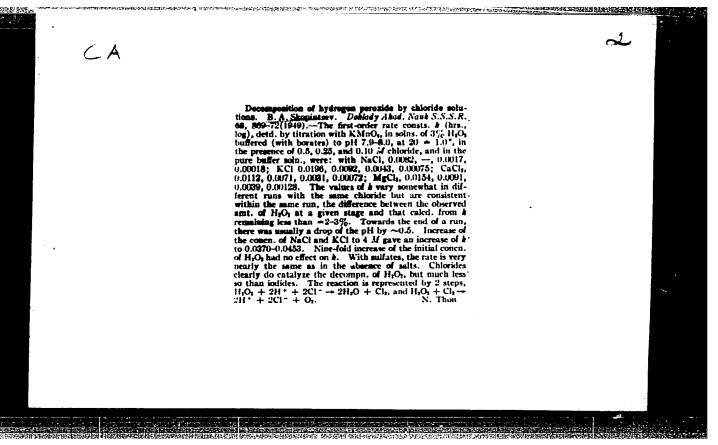
SKOPINTSEV, B.A.

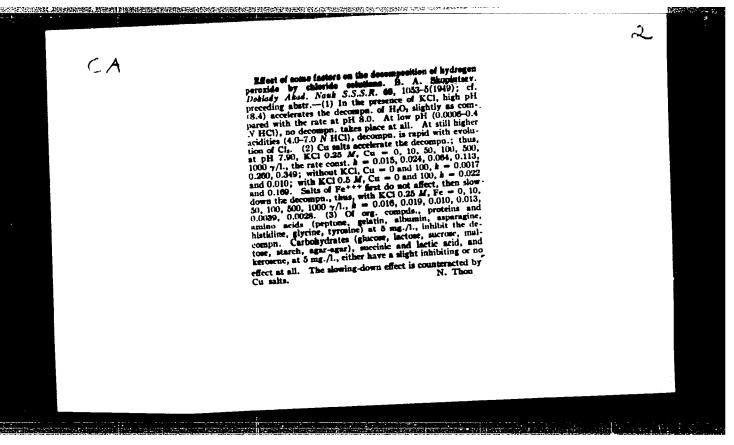
33948 SKOPINTSEV, B.A. - O SKOROSTI RAZLOZHENIYA ORGANICHESKOGO VESHCHESTVA OTMERSHEGO PLANKTONA. TRUDY VSESOYUZ. GIDROBIOL. O-VA, T.I, 1949 S. 34-43 - BIBLIOGR: 25 NAZV.

SO: LETOPIS' ZHURNAL'NYKH STATEY, VOL. 42, MOSKVA, 1949









SKOPINTSEV, B. A.

Doc Geolog - Mineralog Sci

Dissertation: "Organic Substance in Natural Water." 11/5/50

Inst of Petroleum, Acad Sci USSR

SO Vecheryaya Moskva Sum 71

SKOPINTSEV. B. A., AUTHOR

Science

"Organic substance in water (water humus)."
Reviewed by V. Kononov. Gig. i san. No. 4, 1952.

Monthly List of Russian Accessions, Library of Congress, September, 1952. UNCLASSIFIED.

- 1. SEOPENESEV, B. A.
- 2. USSR (600)
- 4. Black Sea Sea Water
- Oxidisability of water in the Black and Azov Seas. Dokl. AN SSSR 87 no. 5, 1952.

9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

SKOPINTSEV, B. A.

USSR/Geophysics - Sea Water

Jan/Feb 52

"Optical Characteristics of Organic Matter of Sea Waters," B. A. Skopintsev, State Oceanographic Inst

"Iz Ak Nauk SSSR, Ser Geofiz" No 1, pp 57-60

Presents results of measurements of weakening of light in the violet part of spectrum by various sea waters. Comparison of obtained results enables one to establish content of org dye compds in water (humic substances of terrigenous origin) important for analysis of nature of org matter and for the characterization of sea water. Submitted 5 Apr 52.

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٦.	- SKOPTHYSE	V > (.1

- 2. USSR (600)
- 4. Radioactive Tracers
- 7. Study of processes in bodies of water with the aid of tagged atoms, Priroda 42, No. 3, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

USSR/Biology - Marine microbiology

我是我们走到西部里的**工作的是是具体的**人的意识和思想的自然也是不是一种人的,但是不是一种人的

Gard 1/1 : Pub. 86 - 13/34

Authors : Skopintsev, B. A., Dr. of Chem. Sc.

Title : The role of chemosynthesizing bacteria in the formation of an organic

substance in natural waters

Periodical: Priroda 1, 83-91, Jan 1954

Abstract: The basic and auxiliary sources instrumental in the formation of organic substances in natural waters (rivers, lakes, seas, etc),

organic substances in natural waters (rivers, lakes, scalpost, are discussed. The role of chemosynthesizing bacteria, in the formation of organic substances in natural waters, is explained.

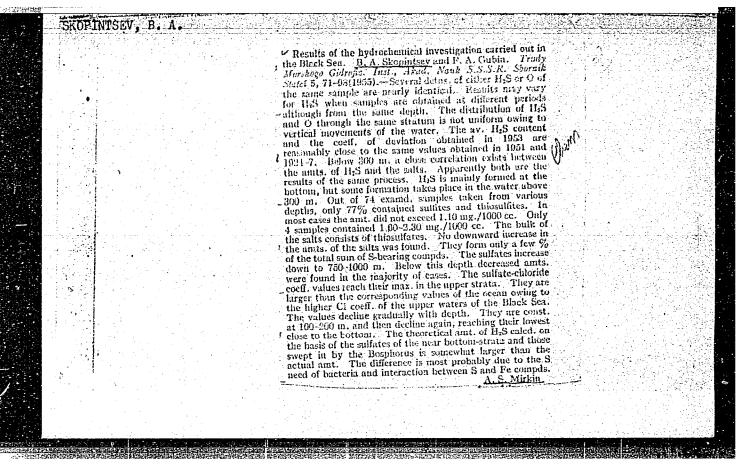
It is shown that chemosynthesizing autotrophic colorless microorganisms, like green plants and seaweeds, are capable of synthesizing organic

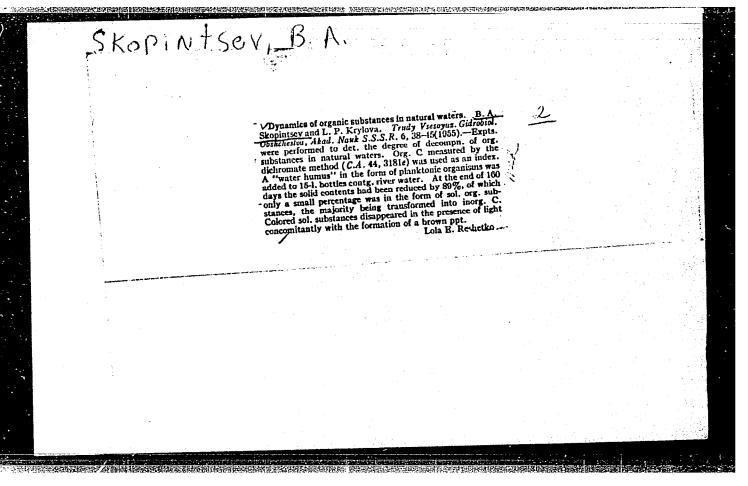
substances from carbon and carbon dioxide by utilizing solar energy instead of oxygen. Eight references: 6-USSR and 2-USA (1927-1953).

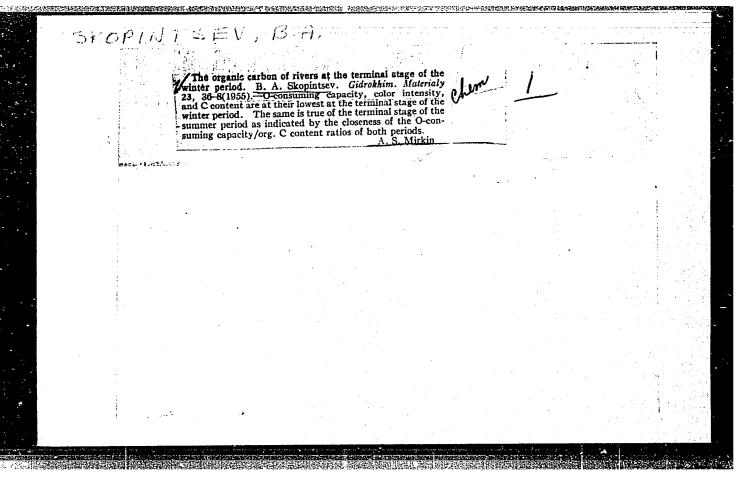
Table.

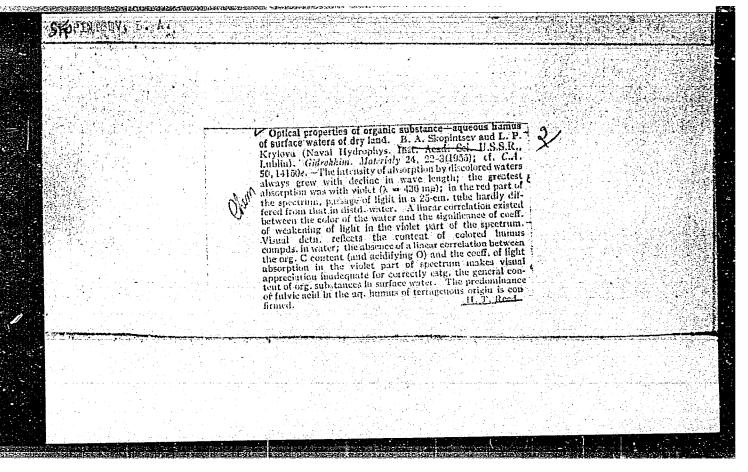
Institution: Acad. of Sc. USSR, Sea-Hydrophysics Institute

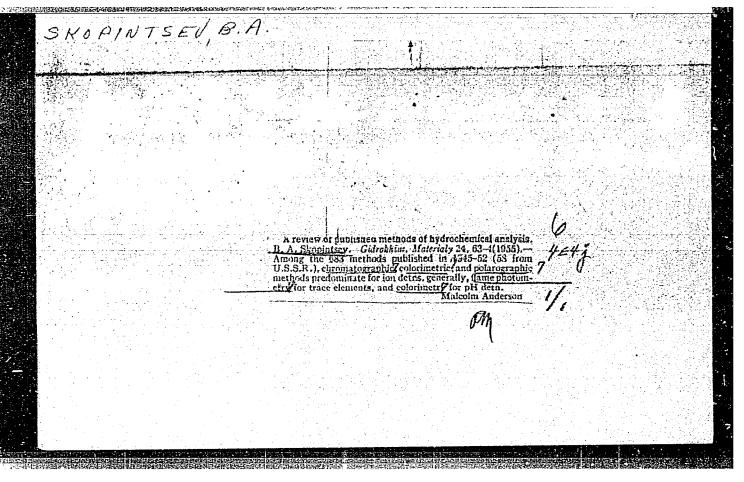
Submitted :











SKOPINTSEV, B.A.; GUBIN, F.A.

Stilfates in the Black Sea water. Gidrokhim. mat. 25:16-27 '55.

(MIRA 9:6)

1.Morskoy gidrofisicheskiy institut Akademii nauk SSSR.

(Black Sea--Sulfates)

SKOPINTSEV, BA.

USSR/Cosmochemistry - Geochemistry. Hydrochemistry, E

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 61350

Skopintsev, B. A., Krylova, L. P. Author:

Institution: None

Title: Removal of Organic Matter by the Largest Rivers of the Soviet Union

Periodical: Dokl. AN SSSR, 1955, 105, No 4, 770-773

Abstract: On the basis of monthly data of exidability taking into account

water discharge of river and by means of values of ratio of oxygen of permanganate oxidability in acid medium, to organic C, there has been computed outflow of organic matter at the given point of river, for each month and summatively for the year, in the rivers Sev. Dvina, Neva, Dnepr, Don, Kuban, Volga, Kura, Lena, Obi. Magnitude of outflow of organic matter is determined by amount of water discharge of river and physicogeographic conditions of its basin. In the case of plain river basins of the zone of excessive

humidification, highest concentration of organic matter is

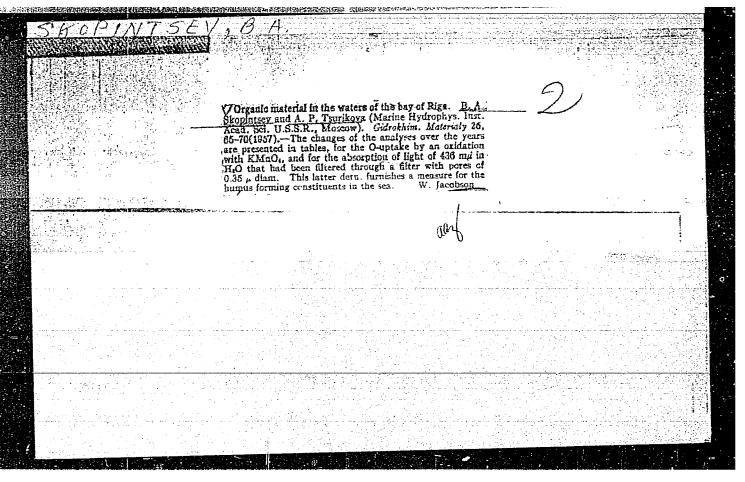
Card 1/2

SKOPINTSEV, B.A.

Redox potential of the Black Sea water. Dokl. AN SSSR 108 no.6:1120-1123 Je '56. (MLRA 9:10)

1. Morskoy gidrofizicheskiy institut Akademii nauk SSSR, Predstavlene akademikom A.N. Frumkinym.

(Black Sea-Oceanographic research)



SKOPINTSEV, B.A.; KARPOV, A.V.

Conditions for conservation and further determination of sulfides in natural waters. Gidrokhim. mat. 26:230-236 '57. (MIRA: 10:8)

1. Morskoy gidrofizicheskiy institut Akademii nauk SSSR, Moskva.
(Sulfides) (Water)

SKOPINTSEV, B.A. Determining the "colloidal" fraction of organic matter in natural (MLRA 10:8)

waters. Gidrokhim. mat. 26:243-245 157.

1. Morskoy gidrofizicheskiy institut Akademii nauk SSSR, Moskva. (Water-Analysis) (Organic matter)

Gidrokhim.	ne oxidation-reduction potentials of t mat. 27:21-36 157.	
1. Morskoy	 Morskoy gidrofizicheskiy institut AN SSSR, Moskva. (Black SeaWaterAnalysis) 	

SKOPINTSEV, B.A.; VOROB'YEVA, R.V.; SHTUKOVSKAYA, L.A.

Complexemetric method for the determination of calcium and the sum of calcium and magnesium in sea water. Gidrokhim. mat. 27:146-151 (MIRA 11:4) (157.

1. Morskoy gidrofizicheskiy institut AN SSSR, Moskva. (Seawater-Analysis)

AUTHORS:

Skopintsev, B. A., Gubin, F. A., Vorob'yeva, R. V., Vershinina, O. A.

20-119-1-33/52

TITLE:

The Composition of the Salts of the Chernoye Sea (Black Sea)

(Solevoy sostav vody Chernogo morya)

PERIODICAL:

Doklady Akademii Nauk SSSR, 1958, Vol. 119, Nr 1,

pp. 121-124 (USSR)

ABSTRACT:

In October 1954 and in June 1955 water samples were taken at 5 points from all depths in the open part of the sea near the 43th degree north latitude. The chlorine content was determined argentometrically, the alkalinity by direct titration with HCl, the sulfates by the weight method and Ca as well as Mg complexometrically. Table 1 gives the average quantities of this determination. The highest content deviations of individual components at the same depths of all 5 places from the average attained 4%, which was characteristic of the upper layer (0-150 m). Farther down the deviations are less than 1%, except Ca and alkalinity. The absolute content of

all salt components in the Chernoye Sea (Black Sea) is

Card 1/4

smaller than in the ocean, except the alkalinity. The chlorine content increases from the surface to the bottom. The change

The Composition of the Salts of the Chernoye Sea (Black Sea) 20-119-1-33/52

of other ions at the vertical is represented in table 2 as ratio to the chlorine content. In this manner the contents are compared with those of the oceans, where the latter are constant (ref. 1). The elevated values of the cited coefficients in the upper 200 m of the Chernoye Sea can be explained by a comparatively higher influence of the waters of the flow of the rivers for the higher values of these coefficients than they are characteristic for the ocean. The changes of the ratios

 $\frac{SO_4}{Cl~(\%_0)}$ and $\frac{HCO_3}{Cl~(\%_0)}$ are connected with the biochemical and biological processes occurring in the Chernoye Sea: a) the reduction of SO_4^2 at the bottom of the sea with a simultaneous formation of hydrogen sulfide and HCO_3 , b) the oxidation of H_2S in an intermediary zone (from 125-150 m to oxidation of H_2S in an intermediary zone are corresponding 250-300 m) under formation of sulfates and a corresponding decrease in HCO_3 (ref. 2). A marked change of Ca^{2+} in the water near the bottom was not observed. Table 3 gives the water near the bottom was not observed. Table 3 gives the calculated average composition of the water in the Chernoye calculated afference in comparison with reference 4 is to

Card 2/4

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The Composition of the Salts of the Chernoye Sea (Black Sea) 20-119-1-33/52

Ca²⁺ annualy brought into the Chernoye Sea by the rivers. Such a chemogeneous carbonate-sedimentation mainly takes place in the region near the coast (references 3,5). Then the authors discuss the statements of reference 8 and state that for the displacement of a water layer of 17 m thickness about 130 years would be necessary, which disproves the above-mentioned statements. There are 3 tables and 8 references, 8 of which are Soviet.

ASSOCIATION:

Morskoy gidrofizicheskiy institut Akademii nauk SSSR

(Marine Hydrophysical Institute AS USSR)

PRESENTED:

July 13, 1957, by N. M. Strakhov, Member, Academy of

Sciences, USSR

SUBMITTED:

May 12, 1957

Card 4/4

"The Organic Substance of Sea-Mater,"
report to be submitted for the Intl., Cong. New York City, 31 Aug - 11 Sep 1955.

(Hydrochemical Laboratory, Marine Hydrophysical Institute, Acad. of Se.)

KRYLOVA, L.P.; SKOPINTSEV, B.A.

Amount of organic carbon in river and lake waters of the Moscow area and large rivers of the Soviet Union. Gidrokhim. mat. 28:28-44

1. Laboratoriya sanitarno-epidemiologicheskoy stantsii Chetvertogo glavnogo urpavleniya pri Ministerstve zdravookhraneniya SSSR, g.Moskva. (Carbon) (Water-Composition) (Limnology)

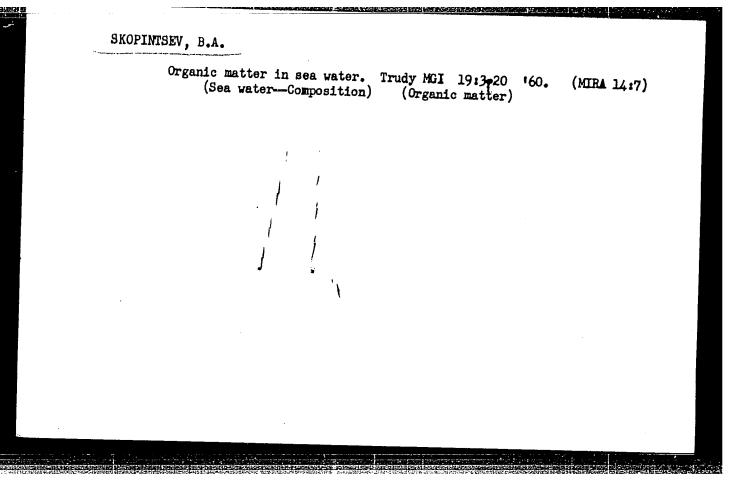
DYSHKO, T.V.; SKOPINTSEV, B.A.

Anount of organic nitrogen in river and lake waters of the Moscow area and large rivers of the Soviet Union. Gidrokhim. wat. 28:

45-68 159.

1. Laboratoriya sanitarno-epidemiologicheskoy stantsii Chetvertogo glavnogo upravleniya pri Ministerstve zdravookhraneniya SSSR, g. Moskva.

(Nitrogen) (Water--Composition) (Limnology)



Skopintsev, B.A.; Popova, T.P.

Some results of iron, manganese, and copper determination in the water of the Black Sea. Trudy MI 19:21-30 '60. (MIRA 14:7) (Black Sea—Bea water—Composition) (Trace elements)

SKOP INTSEV, B.A.; TIMOFEYEVA, S.N.

Concentration of organic carbon in waters of the northeastern part of the Atlantic Ocean. Dokl.AN SSSR 133 no.3:677-679
Jl 160. (MIRA 13:7)

1. Morskoy gidrofizicheskiy institut Akademii nauk SSSR. Predstavleno akad. D.I.Shcherbakovym.

(Atlantic Ocean--Carbon)

SKOPINTSEV, B.A.; TIMOFEYEVA, S.N.

Organic carbon in waters of the northern part of the Black Sea.
Dokl. AN SSSR 134 no.3:688-690 S '60. (MIRA 13:9)

1. Morskoy gidrofizicheskiy institut Akademii nauk SSSR. Predstavleno akad. N.M. Strakhovym.

(Black Sea-Organic matter)

SKOPINTSEV, B.A.; KARPOV, A.V.; VERSHININA, O.A.

Experimental study of hydrogen sulfide formation and oxidation taking as an example the Black Sea. Gidrokhim. mat. 31:127-141 [61. (MIRA 14:3)

l. Morskoy gidrofizicheskiy institut Akademii nauk SSSR, g. Lyublino, Moskovskaya oblast!.

(Black Sea-Hydrogen sulfide)

Using the L. P. Krylova's method of dry combustion in determining the organic carbon in sea water. Gidrokhim. mat. 32:153-164. '61. (MIRA 14:6)

1. Morskoy gidrofizicheskiy institut AN SSSR, Lyublino, Moskovskaya oblast'. (Water-Analysis) (Carbon) (Pyrolysis)

SKOPINTSEV, B.A.; SMIRNOV, E.V.

Hydrogen sulfide distribution in the Black Sea in the autumn of 1960. Okeanologiia 2 no.3:419-434 162. (MIRA 15:7)

1. Chernomorskoye otdeleniye Morskogo gidrofizicheskogo instituta AN USSR.

(Black Sea-Hydrogen sulfide)

SKOPINTSEV, B.A.

Biochemical consumption of oxygen in the waters of the northern part of the Atlantic Ocean. Okeanologiia 2 no.6: 1009-1013 '62. (MIRA 17:2)

1. Morskoy gidrofizicheskiy institut AN UkrSSR.

Recent works o	on the chemistry of the	sea. Trudy MGI 2	5:82-109 (MIRA 15:2)
' 62.	(Sea water	Composition)	
			* .

SKOPINTSEV, B.A.; TIMOFEYEVA, S.N.

Concentration of organic carbon in waters of the Baltic and North Seas and the subtropical and tropical regions of the North Atlantic. Trudy MGI 25:110-117 '62. (MIRA 15:2) (Baltic Sea--Örganic matter) (North Sea--Örganic matter) (Atlantic Ocean--Organic matter)

Results of the determination of dissolved oxygen in waters of the subtropical and tropical regions of the North Atlantic during

SKOPINTSEV, B.A.; ZHAVORONKINA, V.K.

August-October 1959. Trudy MGI 25:118-129 '62.

(Atlantic Ocean--Sea water--Oxygen content)

(MIRÃ 15:2)

SKOPINTSEV, B. A.

Calculations of formation and oxidation of organic matter in sea water

report submitted for the 13th General Assembly, IUGG (Oceanography) Berkeley, California, 19-31 Aug 63

-SINYUKOV, V.V.; SKOPINTSEV, B.A.

Use of a new protoelectric colorimeter for the determination of biogenetic elements under field work conditions. Okeanologiia 3 no.1:127-136 '63. (MIRA 17:2)

1. Morskoy gidrofizicheskiy institut AN UkrSSR.

SKOPINTSEV, B.A.; KARPOV, A.V.; TIMOFEYEVA, S.N.

Using an autoclave to determine the mineralization of organic matter in natural waters. Gidrokhim. mat. 35:183-199 '63. (MIRA 16:7)

1. Morskoy gidrofizicheskiy institut AN SSSR.

(Water--Composition) (Organic matter)

SKOPINTSEV, B.A.; LEDOVSKOY, M.S.

Dissolved oxygen in the water of the Black Sea during 1959-1960. Okeanologiia 3 no.6:1004-1016 '63. (MIRA 17:4)

1. Chernomorskoye otdeleniye Morskogo gidrofizicheskogo instituta AN UkrSSR.

CHAUCHUMENA, T.E.; SKOPINTSEV, A.F.; KLIMAV, I.T.

Chemical and approved methods for determining trace element series in sewaters. Okeanologila 4 no.2:205-212 '64.

(MIRA 17:5)

1. Morskoy gidrofizicheskiy institut AN UkrOSR.

SKOPINTSEV, B. A.; POPOVA, T. P.

Accumulation of manganese in the waters of hydrogen sulfide basins as revealed by a study in the Black Sea. Trudy GIN no. 97:165-181 164. (MIRA 17:5)

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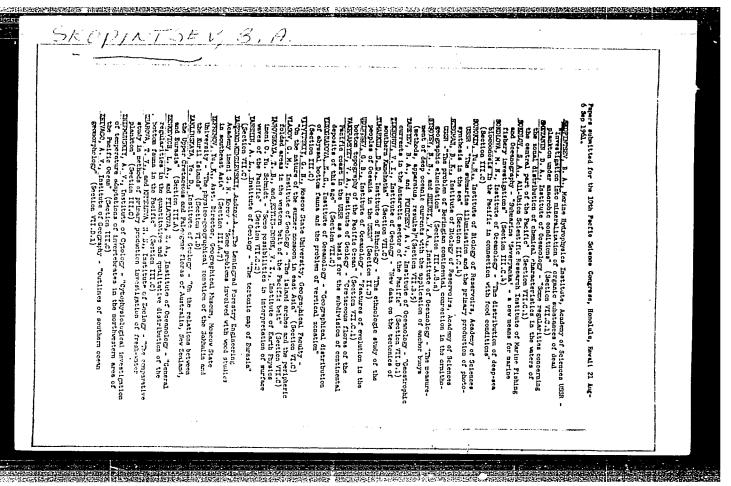
KOLESNIKOV, A.G., doktor fiz.-mat. nauk, otv. red.; SKOPINTSEV, B.A., doktor khim. nauk, otv. red.; KULAKOVSKAYA, N.S., red.

[Hydrophysical and hydrochemical studies; an interdepartmental Republic-wide collection] Gidrofizicheskie i gidrokhimicheskie issledovaniia; mezhvedomstvennyi respublikanskii sbornik. Kiev, Naukova dumka, 1965. 137 p. (MIRA 18:5)

1. Akademiya nauk URSR, Kiev.

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110005-1

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						he Spectral	Zhavoronkina. The Pr	n Inte	Stopistary_B.A. A Study of the Composition of Suspended Sub- stances and Galored Organic Compounds in the Azov and Black Seas	P.A. Gabin, R.V. Vorob'eva, and O.A. Vershinina. n the Salt Composition of Black Sea Water and Circulation	iquid Exchange Be	COVERAGE: These articles deal with problems in the latty of sea water. Individual papers treat the conductivity and best exchange in sea water, the temperature, the salinity of the Black Sea, the temperature, the salinity of the Black Sea, the temperature, magnesium, and copper in sea water, and copper of sedicium in atmospherio predipitates. Figures of sedicium in atmospherio predipitates. Figures accompany the articles. There are 12 sedices.	POSE: This collection of articles is intended for geophysicists, hydrophysicists, and ocsnographers.	Postor of Physics E House: L.K. Hi	1958. 1,3	Morskoy gidrofixicheskiy institut	I BOOK EXPLOITAN				
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SKOPINTSEV. B.A.; IVANOV, K.I.

Use of photometric measurements in determining suspended particles and colored hunic compounds in sea water. Trudy GOIN no.22:113-131 '52.

(MIRA 12:1)

(Sea water—Analysis) (Photometry)

DRACHEV, S.M., prof.; RAZUMOV, A.S.; SKOPINTSEV, B.A.; KABANOV, N.M.;
BRUYEVICH, S.V.; SOSUNOVA, I.N.; GOLUBEVA, M.T.; BRUK, Ye.S.;
MOGILEVSKIY, Ya.A.; RUFFEL!, M.A.; KORSH, L.Ye.; ANOKHIN, V.L.;
BYLINKINA, A.A.; MEL'NIKOV, Ye.B., red.; BEL'CHIKOVA, Yu.S.,
tekhn.red.

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[Methods of studying waters from the point of view of sanitation] Priemy sanitarnogo izucheniia vodoemov. Pod red. S.M.Dracheva. Moskva, Gos.izd-vo med.lit-ry, 1960. 354 p.

(MIRA 13:11)

(Water--Analysis)

ACC NRI AT6035087 (N)

SOURCE CODE: UR/3095/66/035/000/0071/0078

AUTHOR: Novoselov, A. A.

ORG: none

TITLE: Distribution of oxygen and phosphates in waters of the Lomonosov Current

SOURCE: AN UkrSSR. Morskoy gidrofizicheskiy institut. Trudy, v. 35, 1966. Gidrofizicheskiye i gidrokhimicheskiye issledovaniya tropicheskoy zony Atlantiki (Hydrophysical and hydrochemical research in the tropical zone of the Atlantic), 71-

TOPIC TAGS: ocean current, oxygen, phosphate, research ship, ocean property

ABSTRACT: This paper is a summary of observations on content of oxygen and phosphates in the equatorial belt of the Lomonoscy Current, collected during expeditions of the scientific research ships Mikhail Lomonoscy (SSSR) in 1962 and 1964, the Zvezda (SSSR) in 1963, and the Crawford (U.S.A.) in 1963. Investigations were carried out between 5° and 45° W. Long. It was found that the surface layer, to a depth of 50 m in the western part of the ocean and to 30 m in the eastern part, remains homogeneous. Oxygen content is 4.6 cc/liter, and phosphate content is about 5 mg P/m^3 . Below this zone, to a depth of 80—100 m, south of 2° to $4-5^{\circ}$ S. Latand north of 2° to $5-7^{\circ}$ N. Lat., the oxygen content decreases sharply to 2.5-3.0

Card 1/2

ACC NR: AT6035087

cc/liter, and the phosphate content increases to 35-50 mg P/m³. The greatest vertical change is observed east of the 30th meridian. In water along the equator (2° south to 2° north) only insignificant changes in either oxygen or phosphate are observed in the top 200-m layer between 5 and 35° W. Long. Here the oxygen content averages 1.2 cc/liter, and the phosphate content averages 10 mg P/m³. A series of maps and tables is provided to illustrate the variations in oxygen and phosphate content. The waters in the Lomonosov Current prove to have more oxygen and less phosphate than the waters in the belt of trade winds. It is concluded that the waters in this zone affect the distribution of oxygen and phosphate in the equatorial zone of the Atlantic to depths of 800-1000 m. Orig. art. has: 4 figures and 3 tables.

SUB CODE: 08/ SUBM DATE: none/ ORIG REF: 008/ OTH REF: 006

Card 2/2

SKOP INTSEV, B.A.; SMIRNOV, E.V.

Hydrogen sulfide in the abyssal waters of the open part of the Black Sea. Okeanologiia 5 no.6:969-982 165. (MIRA 19:1)

1. Morskoy gidrofizicheskiy institut AN UkrSSR, Sevastopol'. Submitted March 10, 1965.

SKOPINTSEV, B.A.; KARFOV, A.V.; VERSHININA, O.A.

Studying the dynamics of some sulfur compounds in the Black
Sea under experimental conditions. Trudy MGI 16:89-111 '59.

(Black Sea--Sulfur compounds)

(Black Sea--Sulfur compounds)

ACC NR: AP6034006 SOURCE CODE: UR/0213/66/006/005/0799/0806

AUTHOR: Skopintsev, B. A.; Romenskaya, N. N.; Smirnov, E. V.

ORG: Marine Hydrophysical Institute, AN UkrSSR (Morskoy gidrofizicheskiy institut AN UkrSSR)

TITLE: New determinations of the oxidation-reduction potential in Black Sea waters

SOURCE: Okeanologiya, v. 6, no. 5, 1966, 799-806

TOPIC TAGS: hydrography, hydrographic research, oxidation reduction potential, electrometry, measurement Oceanography, ocean projectly

ABSTRACT: The article deals with the determination of the oxidation-reduction potential in Black Sea waters in August—September 1964 by means of electrometric measurements in large-mouth glass jars. Average values of the potential change rapidly from positive values in the upper layer (+413 mv) to \-110 mv in the intermediate water layer, and then gradually decrease with depth to -0.172 mv. The results of the calculation of the oxidation-reduction potential performed using the equation for the hydrogen sulphide-sulphur equilibrium system were close to those obtained in the sea. Orig. art. has: 4 tables.

SUB CODE: 08/ SUBM DATE: 06Apr66/ ORIG REF: 014

Card 1/1 UDC; 551.464,1;543.242(266.5)

L 45292-66 EWT(1) GW ACC NR: AP6020983 (N) SOURCE CODE: UR/0213/66/006/003/0441/0450 AUTHOR: Skopintsev, B. A.

ORG: Marine Hydrophysical Institute, AN UkrSSR (Morskoy gidrofizicheskiy institut AN USSR)

TITLE: Some considerations of the distribution and state of organic matter in ocean water

SOURCE: Okeanologiya, v. 6, no. 3, 1966, 441-450

TOPIC TAGS: oceanography, ocean property, ocean zooplankton, water humus, phytoplankton, organic matter, sea water

ABSTRACT: The total organic matter content of the Adantic Ocean water, determined at the Marine Hydrophysical Institute, practically coincides with that found by other investigators in the Pacific and Indian Oceans, but considerably exceeds the values determined in the Atlantic Ocean and the Norwegian Sea by

Card 1 / 2

L 33167-66 EWT(1) GW SOURCE CODE: UR/0213/66/006/002/0251/0260
ACC NR: AP6014281
AUTHOR: Skopintsev, B. A.; Timofeyeva, S. N.; Vershinina, O. A.
ORG: Marine Hydrophysics Institute, AN UkrSSR (Morskoy gidrofizicheskiy institut
! e XT
TITLE: Organic carbon in the waters near the equatorial and southern parts of the
Atlantic Ocean and in the Medicarian
SOURCE: Okeanologiya, v. 6, no. 2, 1966, 251-260
TOPIC TAGS: ocean property, oceanographic expedition, oceanographic ship, organic
ABSTRACT: Observational data carried out during the 12th and 15th cruises of the research vessel "Mikhail Lomonosov" in 1962—1964 have been used for studies of the research vessel "Mikhail Lomonosov" in 1962—1964 have been used for studies of the research vessel "Mikhail Lomonosov" in 1962—1964 have been used for studies of the research vessel "Mikhail Lomonosov" in 1962—1964 have been used for studies of the research vessel "Mikhail Lomonosov" in 1962—1964 have been used for studies of the research vessel "Mikhail Lomonosov" in 1962—1964 have been used for studies of the research vessel "Mikhail Lomonosov" in 1962—1964 have been used for studies of the research vessel "Mikhail Lomonosov" in 1962—1964 have been used for studies of the research vessel "Mikhail Lomonosov" in 1962—1964 have been used for studies of the research vessel "Mikhail Lomonosov" in 1962—1964 have been used for studies of the research vessel "Mikhail Lomonosov" in 1962—1964 have been used for studies of the research vessel "Mikhail Lomonosov" in 1962—1964 have been used for studies of the research vessel "Mikhail Lomonosov" in 1962—1964 have been used for studies of the research vessel "Mikhail Lomonosov" in 1962—1964 have been used for studies of the research vessel "Mikhail Lomonosov" in 1962—1964 have been used for studies of the research vessel "Mikhail Lomonosov" in 1962—1964 have been used for studies of the research vessel "Mikhail Lomonosov" in 1962—1964 have been used for studies of the research vessel "Mikhail Lomonosov" in 1962—1964 have been used for studies of the research vessel "Mikhail Lomonosov" in 1962—1964 have been used for studies of the research vessel "Mikhail Lomonosov" in 1962—1964 have been used for studies of the research vessel "Mikhail Lomonosov" in 1962—1964 have been used for studies of the research vessel "Mikhail Lomonosov" in 1962—1964 have been used for studies of the research vessel "Mikhail Lomonosov" in 1962—1964 have been used for studies of the research vessel "Mikhail Lomonosov" in 1962—1964 have be
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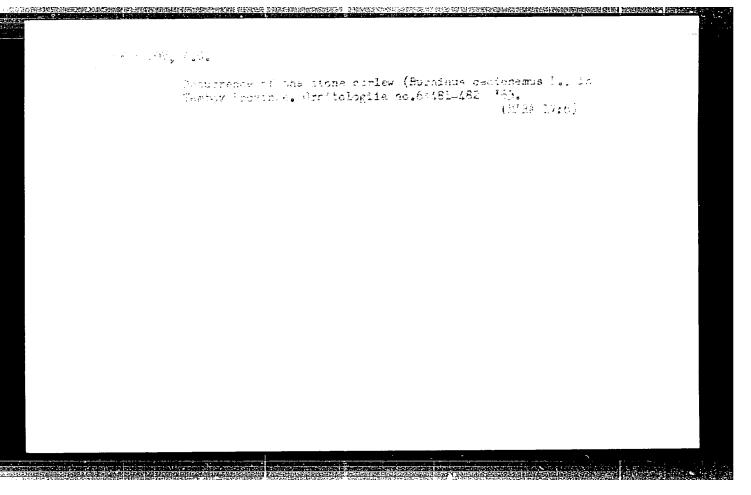
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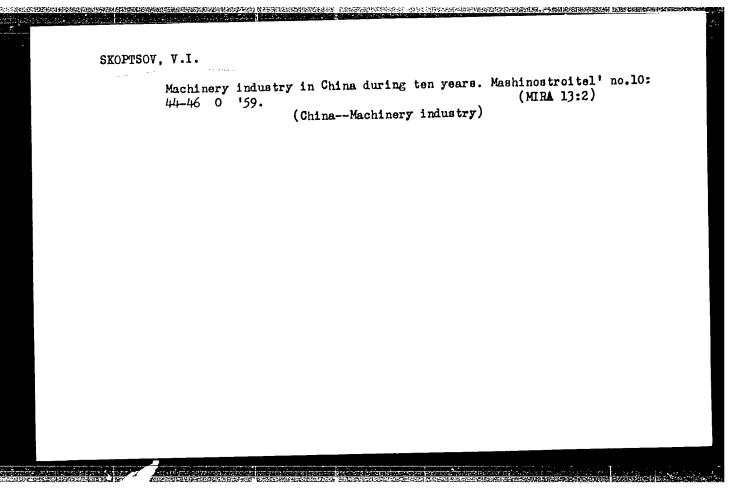


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external ring exerts a smaller internal ring. The dimensions of rators should be optimal. Among a influence on the vibration is exertable abstract.	the ball seats in Dota	nal factors, the greatest
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(BLOOD PRESERVATION)

也是不是在我们的更是我们是出现了的。我们就是不是不是不是,我们是我们的我们的现在分词是,但是这个不知识是不知识,我们也是我们的我们就是我们的,我们就是这个是一个

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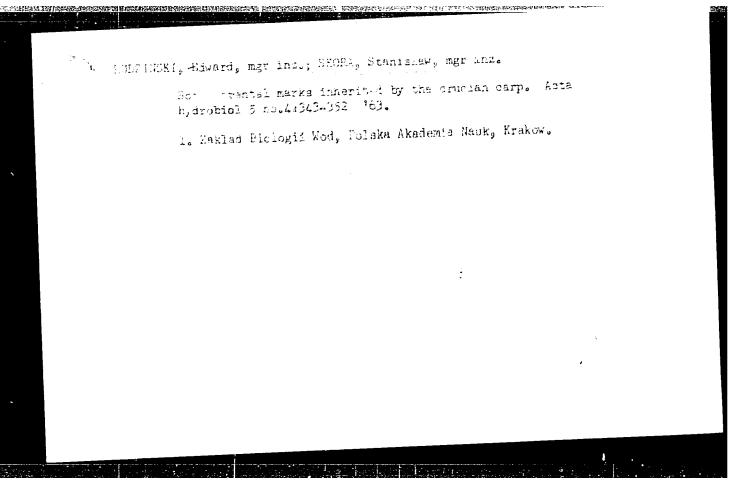
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SHORA, Maria SURLAE, Given Names

Country:

Source:

Poland

Academic Degrees:

[not given] Institute of Toxicological and Forensic Chemistry of the

Affiliation:

Medical Academy (Zaklad Chemii Toksykologicznej i Sadowej.

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